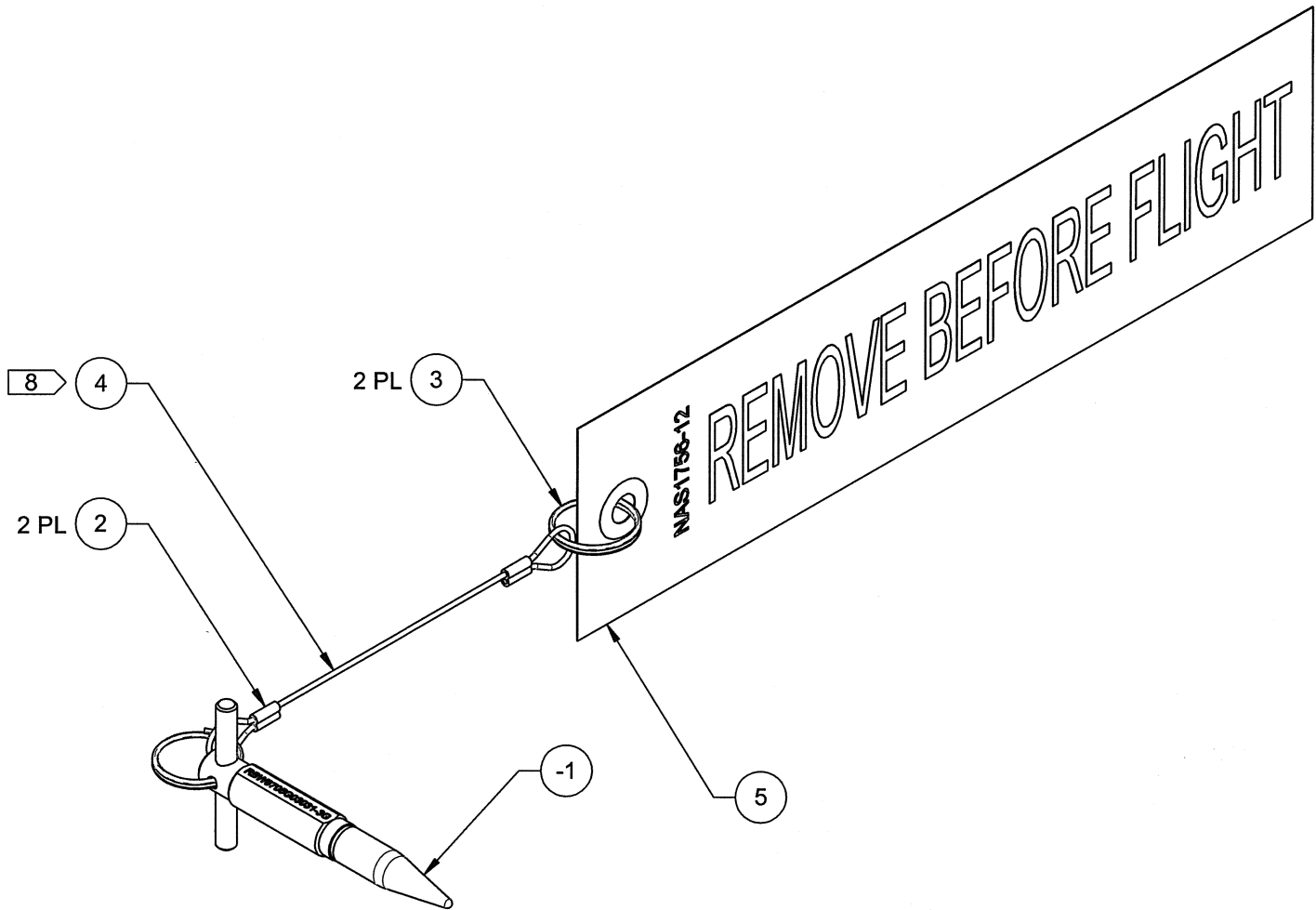

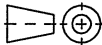


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6705G03031-3G-1	PIN ASSY
2	2	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROPE COMPRESSION SLEEVE 1/16" DIA. X 3/8" LG.
3	2	McMaster#90905A655 OR EQUIV.	316 SS SPLIT RING 15/16" ID. X 1-1/16" OD. X 1/8" THK.
4	1	CARR-LANE#CL-2-C	NYLON COATED STEEL LANYARD 1/16" DIA.
5	1	NAS1756-12	REMOVE BEFORE FLIGHT FLAG

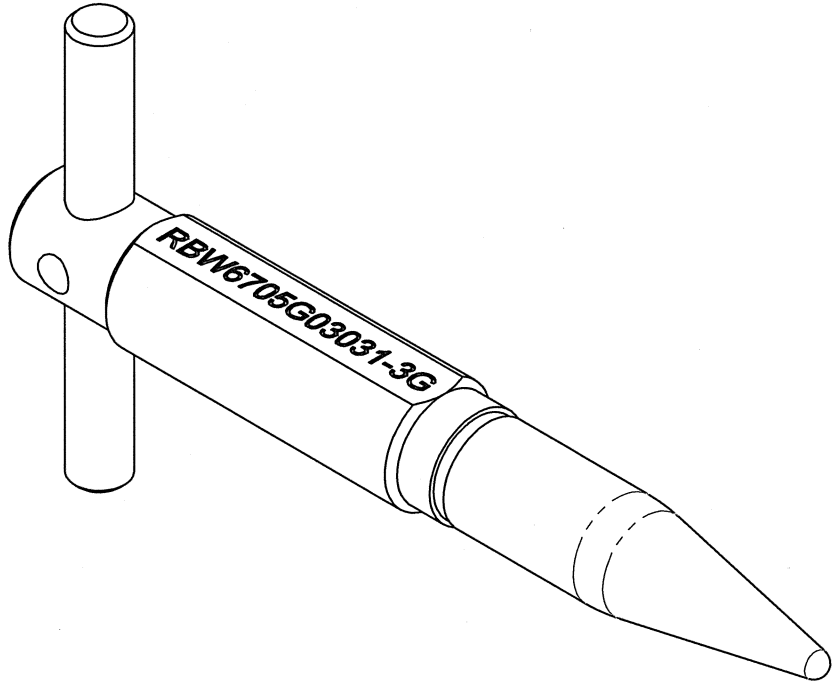


**RBW6705G03031-3G M/R BLOCK SIMULATION TOOL**

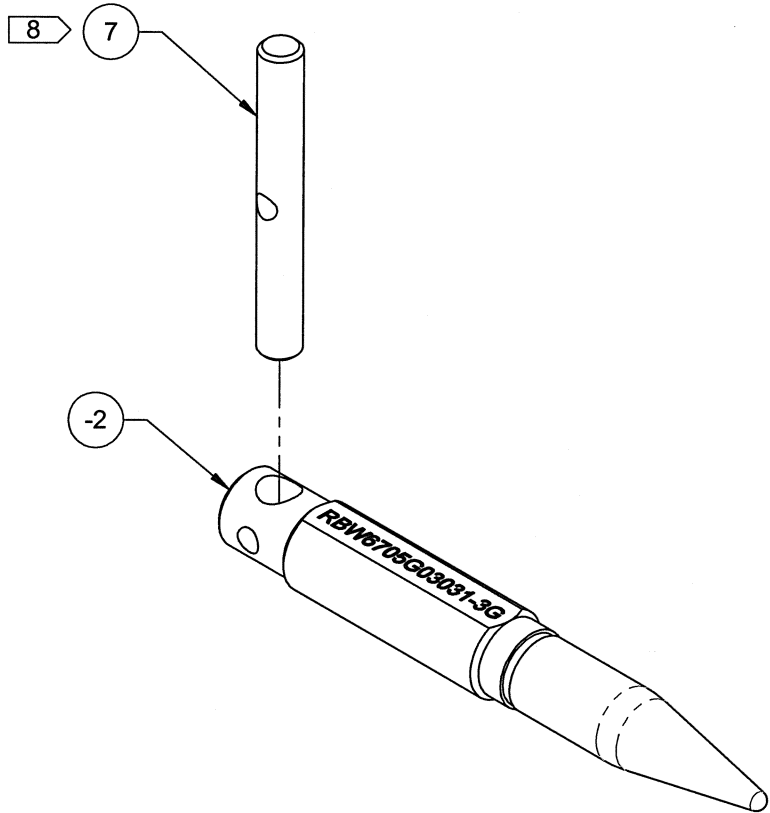
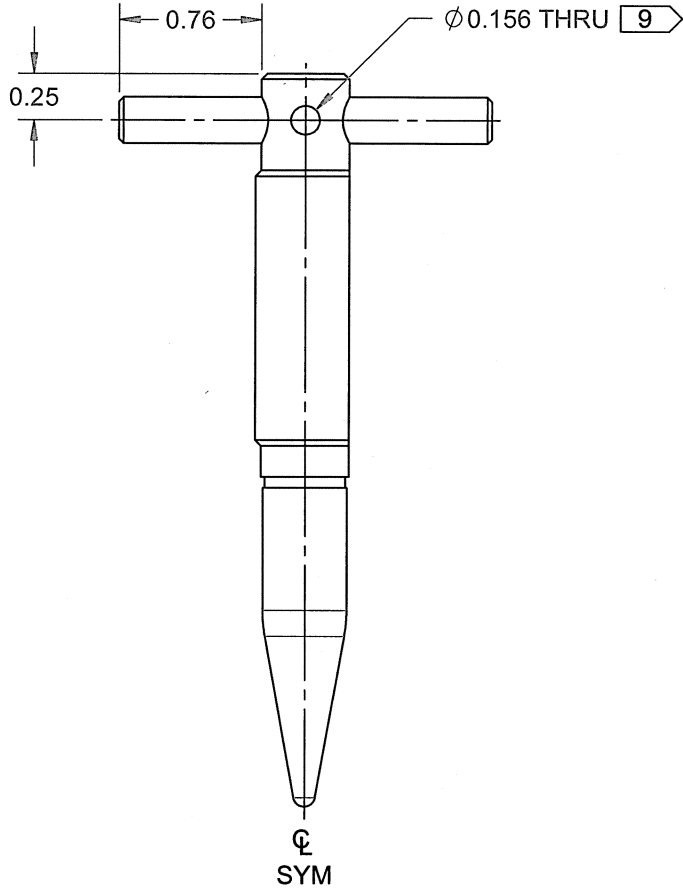
NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) IDENTIFICATION: N/A  
7) ASSEMBLE AS SHOWN  
8) ASSEMBLED LANYARD LENGTH MUST BE 6" +/- 1"  
9) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

C	SEE PREVIOUS REVISION FOR MORE INFORMATION UPDATED DRAWING TEMPLATE  ITEM -2 WAS ITEM -3 ITEM 7 WAS ITEM -5  ADDED ITEM 3	19-906	KPT
	-1 TRANSFER DRILL HOLE DIM WAS Ø.116 IS Ø0.156 THRU. ADDED 0.25 AND 0.76 DIMS  -2 DIM WAS 3.95 IS 3.94. DIM WAS Ø.56 IS Ø0.53. DIM WAS 1.049 IS 0.97. DIM WAS 1.750 IS 1.77. DIM WAS R.049 SPHERE IS SR0.06. DIM WAS Ø.493 (x2) IS 0. Ø.472 2 PL. DIM WAS Ø.248 IS Ø0.250-0.249. DIM WAS .24 (x2) IS 0.25. DIM WAS .03x45° IS 0.03 X 45.0° CMF 3 PL. DIM WAS Ø.452 IS Ø0.4525-0.4518. DIM WAS .23 IS 0.20. ADDED FLAT FOR ENGRAVING. ADDED 1.42 MEDIUM DIAMOND KNURL, 0.06, Ø0.433, AND R0.79 DIMS. REMOVED MIN. RELIEF, 10°, AND 0.50 DIMS		
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	JMH	TOOL PART #	REV. C
MFG. APPR.	JFO	RBW6705G03031-3G	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DATE	2019-09-13	M/R BLOCK SIMULATION TOOL	NTS 
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ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6705G03031-3G-2	PIN
7	1	McMaster#98380A548 OR EQUIV.	416 SS DOWEL PIN 1/4" DIA. X 2" LG.



**RBW6705G03031-3G-1 PIN ASSY**



NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES  
THEN PRESS FIT ITEM 7 WITH ITEM -2, AND REMOVE EXCESS
- 9) TRANSFER DRILL HOLE THROUGH ITEMS -2 AND 7

DESIGN	KPT	<b>DART AEROSPACE LTD</b>	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JMH	TOOL PART #	REV. C
MFG. APPR.	JFC	<b>RBW6705G03031-3G</b>	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DATE	2019-09-13	<b>M/R BLOCK SIMULATION TOOL</b>	NTS
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8

7

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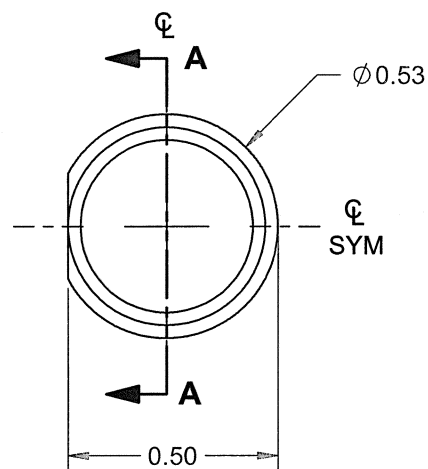
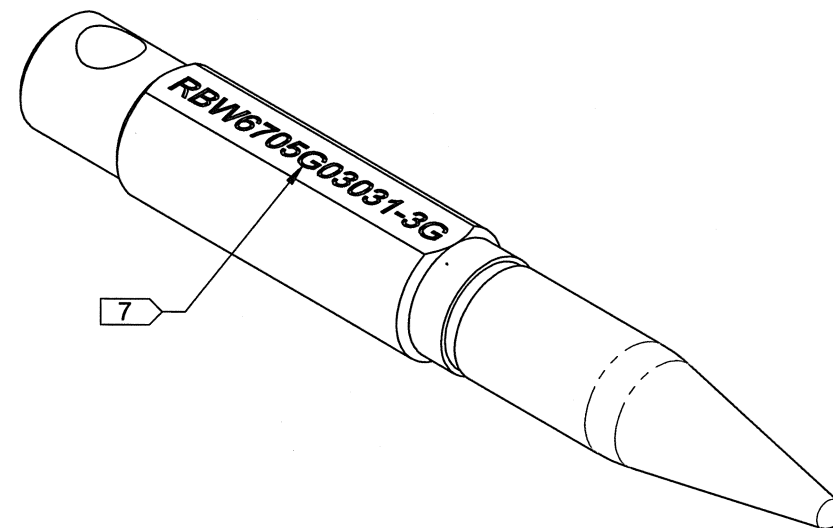
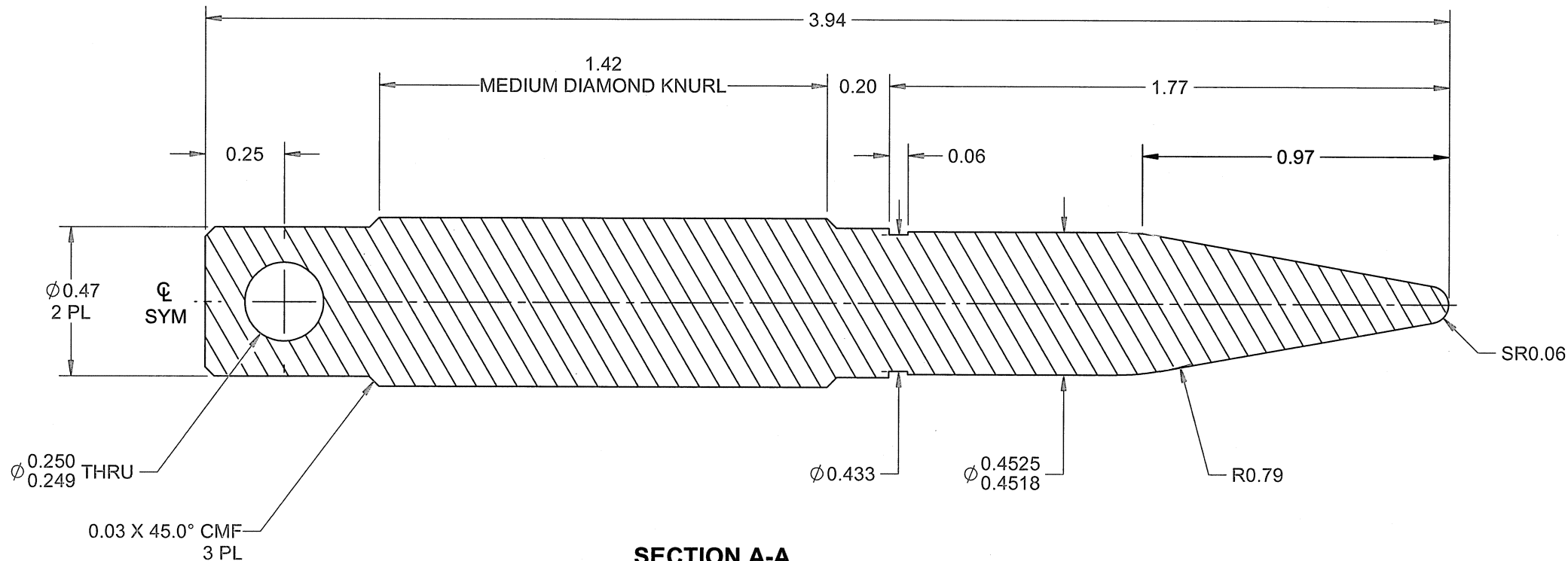
5

4

3

2

1

**RBW6705G03031-3G-2 PIN**

## NOTES:

- 1) MATERIAL: BRONZE C63000
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X =  $\pm 0.1$ " /  $\pm 1^\circ$   
X.XX =  $\pm 0.01$ " /  $\pm 0.5^\circ$   
X.XXX =  $\pm 0.005$ " /  $\pm 0.1^\circ$   
X.XXXX =  $\pm 0.0005$ " /  $\pm 0.05^\circ$   
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES =  $\pm 0.005$ "
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N, "RBW6705G03031-3G", AS SHOWN

DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	JMH	TOOL PART #	REV. C
MFG. APPR.	JFC	<b>RBW6705G03031-3G</b>	SHEET 3 OF 3
APPROVED		TITLE	SCALE
		<b>M/R BLOCK SIMULATION TOOL</b>	NTS
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